

REMARKS

Claims 1-7 are all the claims pending in the application.

The drawings filed October 22, 2001 are objected to by the Examiner for the following reasons:

- Figures 1 and 2 lack the proper cross hatching to indicate the conductor and insulation materials.
- Figures 1 and 2 should be designated by a legend such as --Prior Art-- because only that which is old is illustrated.

Applicants are submitting herewith a Request for Approval of Proposed Drawing Corrections to overcome these objections. It is noted that Figures 1a and 1b are prior art rather than Figures 1 and 2 (see page 3 of specification).

The Abstract of the Disclosure is objected to because it includes improper language. Applicants amend the abstract accordingly.

Claims 1-7 are rejected under 35 U.S.C. § 112, second paragraph. Applicants amend the claims to remove any ambiguities.

Claims 1-7 are rejected under 35 U.S.C. § 102(b) as being anticipated by Jagersberger (5,477,007).

Analysis

Applicants note that the object of the present invention is to provide a **multiple** continuously transposed conductor (CTC) comprising at least two individual continuously transposed conductors, each continuously transposed conductor comprising a multitude of individual enamel insulated partial conductors. Such multiple continuously transposed

conductors are wound to a transformer winding in a step instead of winding individual continuously transposed conductors.

Normally, each individual continuously transposed conductor has its own insulating layer on its outside either in the case of an individual continuously transposed conductor or in the case of a multiple continuously transposed conductor.

The prior art shown in Figures 1a and 1b each have a multiple continuously transposed conductor. Both multiple CTC comprise two individual CTC 1, 2 made of a plurality of enamel insulated flat conductors 3. Each individual CTC 1, 2 has an insulating layer 4. The multiple CTC has a common insulating layer 5.

As shown in Figures 2a, 2b and 2c, there is **no individual insulating layer for each of the individual CTC's 1, 2**, but only a common insulating layer 5.

Jagersberger (US 5,477,007) **does not** disclose a multiple CTC with at least two individual CTC's but a single CTC, comprising two stacks a, b with a plurality of enamel insulated flat conductors. Improvement of the cooling characteristics of the single CTC is achieved by arranging an intermediate piece 5 in each spacing 4 in the region of the sharp bend 3.

The casing 6 for the CTC is a large mesh which as a particular embodiment is utilized only in the region of the sharp bends 3.

Thus, Jagersberger fails to disclose a multiple twisted conductor having at least two individual twisted conductors as in the claimed invention, wherein the at least two individual

twisted conductors are not individually insulated, but rather share a common sheath which jointly insulates the two individual twisted conductors.

In view of the foregoing, claim 1 is patentable.

Moreover, claims 2 and 3 are patentable for at least the same reasons as claim 1, by virtue of their dependency therefrom.

In addition, Jagersberger fails to anticipate claim 4, for similar reasons to those discussed above. Namely, Jagersberger fails to disclose a process in which at least two individual twisted conductors are joined together but do not each have their own insulating layers and only a common insulating sheath is provided for both individual twisted conductors.

In view of the foregoing, claim 4 is patentable.

Moreover, claims 5-7 are patentable for at least the same reasons as claim 4, by virtue of their dependency therefrom.

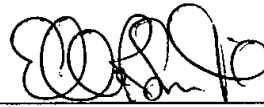
Conclusion

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 09/982,815

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



Ellen R. Smith
Registration No. 43,042

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE



23373

PATENT TRADEMARK OFFICE

Date: March 20, 2003

Attorney Docket No.: Q64443